

Download Methods In Free Radical Chemistry

Volume 2

where f_4 is the initial fluorescence reading at cycle 4, f_i is the fluorescence reading at cycle i , and CT is the cycle time in minutes. The net area under the curve was obtained by subtracting the blank value from that of a sample or standard. Antioxidants are compounds that inhibit oxidation. Oxidation is a chemical reaction that can produce free radicals, thereby leading to chain reactions that may damage the cells of organisms. 1. The science of the composition, structure, properties, and reactions of matter, especially of atomic and molecular systems. The antiradical activities of various antioxidants were determined using the free radical, 2,2-Diphenyl-1-picrylhydrazyl (DPPH^{*}). In its radical form.